

## Contents Volume 25

### No. 1

#### Publisher's Note

- Z.G. Xue, N.M. Le Douarin and J. Smith (France)**  
Insulin and insulin-like growth factor-I can trigger the differentiation of catecholaminergic precursors in cultures of dorsal root ganglia (CDF 00522)

- G. Rué and J. Bierne (France)**  
Structural and functional relationships between nuclear bodies and the nucleolus-DNA body complex in the oocyte of *Amphiporus lactifloreus* (CDF 00523)

- Y.R. Lee (Korea)**  
Changes in the protein components of vitelline envelope during oogenesis of a tubicolous polychaete, *Schizobranhia insignis* (CDF 00526)

- C. Loret, M. Sensenbrenner and G. Labourdette (France)**  
Maturation-related gene expression of rat astroblasts in vitro studied by two-dimensional polyacrylamide gel electrophoresis (CDF 00524)

- K. Shiokawa, K. Tashiro, N. Nakakura, Y. Fu, Y. Atsuchi, S. Nakazato, Y. Tsuzaki and K. Ikenishi (Japan)**  
A possible maternal-effect mutant of *Xenopus laevis*: II. Studies of RNA synthesis in dissociated embryonic cells (CDF 00525)

- C. Jessus, C. Thibier, D. Huchon and R. Ozon (France)**  
Taxol reveals cortical sites of microtubule assembly in *Xenopus* oocytes. Role of the nucleus (CDF 00527)

- D.M. Biddulph, M.M. Dozier, N.C. Julian and L.M. Sawyer (U.S.A.)**  
Inhibition of chondrogenesis by retinoic acid in limb mesenchymal cells in vitro: effects on PGE<sub>2</sub> and cyclic AMP concentrations (CDF 00529)

- Contents of *Development, Growth & Differentiation* Vol. 30, Nos. 2 and 3

#### Erratum

### No. 2

- H. Urushihara, Y. Habata and K. Yanagisawa (Japan)**  
A membrane protein with possible relevance to sexual cell fusion in *Dictyostelium discoideum* (CDF 00551)

v

1

11

23

37

47

57

65

77

79

81

- D.A. Ketelaar, G.R. Utesch, E. Sierra and D.L. Guernsey (U.S.A.)**

- Mesodermal cell lineage determination and proto-oncogene expression (CDF 00552) 89

- B.A. Perry and D.G. Capco (U.S.A.)**  
Spatial reorganization of actin, tubulin and histone mRNAs during meiotic maturation and fertilization in *Xenopus* oocytes (CDF 00553) 99

- R.J. Scott, V. English, T. Noguchi, T. Tanaka and G.C.T. Yeoh (Australia, Japan)**  
Pyruvate kinase isoenzyme transitions in cultures of fetal rat hepatocytes (CDF 00554) 109

- A.-E. Al Moustafa, M.-B. Raes, S. Saule and F. Dieterlen-Lièvre (France)**  
Targets of v-myc tumorigenesis in the avian embryo depend on time and not on site of retroviral infection (CDF 00561) 119

- B.B. Rawdon and A. Andrew (South Africa)**  
Can proventricular mesenchyme promote differentiation of endocrine cells in gizzard endoderm? (CDF 00555) 135

- B. Zimmermann, H.C. Wachtel, H. Somogyi, H.-J. Merker and J.-P. Bernimoulin (F.R.G.)**  
Bone formation by rat calvarial cells grown at high density in organoid culture (CDF 00556) 145

- M. Araki, K. Watanabe, F. Tokunaga and T. Nonaka (Japan)**  
Phenotypic expression of photoreceptor and endocrine cell properties by cultured pineal cells of the newborn rat (CDF 00557) 155

### No. 3

- L.V. Belousov, A.V. Lakirev and I.I. Naumidi (U.S.S.R.)**  
The role of external tensions in differentiation of *Xenopus laevis* embryonic tissues (CDF 00562) 165

- V.Y. Brodsky, B.M. Carlson, A.M. Arefieva and I.A. Vacileva (U.S.S.R., U.S.A.)**  
Polyploidization of transplanted cardiac myocytes (CDF 00558) 177

<i>A.A. Moscona, M. Moscona and L. Degenstein (U.S.A.)</i>		<i>J. Samsel, A. Petit and J.-P. Weniger (France)</i>	
Embryonic cell recognition: uncoupling tissue-specific affinities from cell-type specificities (CDF 00559)	185	Sex-specific proteins in normal chick embryo gonads and testis feminized by oestrogen treatment: a two-dimensional gel electrophoresis investigation (CDF 00566)	223
<i>S. Peel and I. Stewart (U.K.)</i>		Contents of <i>Development, Growth &amp; Differentiation</i> Vol. 30, Nos. 4, 5 and 6	229
Time course of the differentiation of granulated metrial gland cells in chimeric mice (CDF 00560)	197	Announcement	230
<i>M. Khrestchatisky, M. Djabali, Y. Thouveny and M. Fontes (France)</i>		Acknowledgement	231
Expression of muscle actin genes in early differentiation stages of tail regeneration of the urodele amphibian <i>Pleurodeles waltlii</i> (CDF 00563)	203	Erratum	232
<i>S.E. Murdoch and R.M. Showman (U.S.A.)</i>		Contents Vol. 25	233
Temporal and spatial expression of embryonic alkaline phosphatase activity in the surf clam, <i>Spisula solidissima</i> (CDF 00564)	213	Author Index	235
		Subject Index	237

